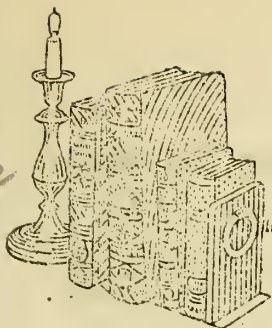


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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 7, no.12

June 1949

"Let us never forget that the cultivation of the earth is the most important labor of man. When tillage begins, other arts follow. The farmers, therefore, are the founders of human civilization." - Daniel Webster

NEW BOOKS

CROP MANAGEMENT AND SOIL CONSERVATION by J.F. Cox and L.E. Jackson. 2d ed. New York, Wiley, 1948. 572 p. 64 C83C Ed.2

A general discussion on new crop varieties, seed improvement, farm food production, wild life protection, and fish culture on the farm. These sections have been greatly expanded with discussions on new conservation practices, weed and insect control and other topics.

FOREST PATHOLOGY by J.S. Boyce. 2d ed. New York, McGraw-Hill, 1948. 550 p. 464.O7 B69F Ed.2

This new second revision presents a thorough revision of a successful book in the American Forestry Series. The first three chapters have been revised, and the remainder of the book has been completely rewritten.

"The science of forest pathology did not originate in the United States. Robert Hartig, the last of a family line of German foresters, was the father of forest pathology. The published accounts of his investigations of many tree diseases are classics today. In the United States the credit for the development of forest pathology belongs to the Department of Agriculture." - Introduction.

FOREST PROTECTION by R.C. Hawley and P.W. Stickel. 2d ed. New York, Wiley, 1948. 355 p. 99.5 H31 Ed.2.

A book that covers the entire field of forest protection and principles underlying protection and forest protection problems and its relation to the growing of forests. Each subject: forest fires, forest insects, and forest diseases might be a special study in itself. Stress is placed on the forest fire problems and preventive aspects. Sudworth's Check List, with changes as approved by the U.S. Forest Service has been followed with respect to all native species.

MINERAL NUTRITION OF PLANTS AND ANIMALS by F.A. Gilbert. Norman, University of Oklahoma Press. 1948. 131 p. 395 G372

A valuable practical survey of the most important literature on mineral nutrition and of the search for improvements in the quality of our food. "Nutrition, like many other branches of science, may be traced back to Aristotle. His belief that a plant, like an animal, took in food "already elaborated" was accepted until comparatively recent times. So great was Aristotle's prestige that few men had the audacity to challenge his concepts for many centuries, greatly to the detriment of scientific progress." - The author.

An important study for agricultural workers, botanists, dieticians and nutrition workers.

PLANTS AND ENVIRONMENT: A TEXTBOOK OF PLANT AUTOECOLOGY by R.F. Daubenmire. New York, Wiley. c 1947. 437 p. 463.8 D26

"This book is the outgrowth of ten years' experience in teaching the fundamental relations between plants and environment to mixed classes of students of botany, forest management, range management and agriculture." --Preface.

THE PROPER STUDY OF MANKIND: AN INQUIRY INTO THE SCIENCE OF HUMAN RELATIONS by S. Chase. New York, Harper, c 1948. 311 p. 280 C 38Pm.

Can science be applied to human relations? Take a look into this book of the great unanswered questions of mankind. Raymond Fosdick says we are learning how to control nature before we learn how to control ourselves. Stuart Chase has made "an attempt to explore the possibilities of applying the scientific method, which has proved so successful in problems of matter and energy, to the problems of human relations. The methods in use by many leaders and statesmen today leave something to be desired. Are there any more dependable ways to promote human well-being and survival?" --the Author.

SOIL MECHANICS IN ENGINEERING PRACTICE by K. Terzaghi and R.B. Peck. New York, Wiley, 1948. 584 p. 290 T27S.

"This book is divided into three parts: Part A deals with the physical properties of soils. It discusses those properties which serve as convenient criteria for distinguishing between different soils, and which have direct bearing on the behavior of soil masses. Part B deals with the theories of soil mechanics. Part C deals with the application of our present knowledge of soil behavior and of the theories of soil mechanics to design and construction in the field of foundation and earth-work engineering." Introduction

THE STUDY OF PLANT COMMUNITIES; AN INTRODUCTION OF PLANT ECOLOGY by H.J. Oosting. San Francisco, W.H. Freeman and Co., 1948. 389 p. 463.8 Qo92.

A text for scientists and advanced students.

PAMPHLET MATERIAL

CATTLE

- BACKGROUND AND INFLUENCE OF BEEF BREEDS OF CATTLE. Clemson Agri. Ext. Ser. Circ. 467. Clemson, 1949. 32 p. 275.29 K415
- CITRUS PRODUCTS FOR FATTENING CATTLE. Fla. Agri. Exp. Sta. B. 454. Gainesville, 1949. 16 p. 100 F66S
- DAIRY CATTLE BREEDS. USDA Farmers' B. 1443. Washington, 1949. 32 p. 1 Ag84F.
- THE DAIRY-HERD-IMPROVEMENT ASSOCIATION PROGRAM. USDA Farmers' B. 1274. rev. Washington, 1948. 24 p. 1 Ag84F.
- JUDGING DAIRY CATTLE. Clemson Agri. Ext. Ser. B. 78. Clemson, 1949. 275.29 So8F.

CROPS

- LOUISIANA SUGARCANE. La. Ext. Ser. B. 15. Baton Rouge, 1949. 25 p. 275.29 L93B4
- 1947 STUDIES OF FLAME CULTIVATION IN COTTON YAZOO-MISSISSIPPI DELTA. Miss. Agri. Exp. Sta. C. 143. State College, 1948. 9 p. 100 M69.
- RICE VARIETIES FOR LOUISIANA. La. Agri. Exp. Sta. B. 436. Baton Rouge, 1949. 15 p. 100 L93.
- SOYBEAN PRODUCTION IN KENTUCKY. Ky. Agri. Ext. Ser. C. 466. Lexington, 1949. 12 p. 275.29 K415.

EROSION

- FLOW OF WATER IN CHANNELS PROTECTED BY VEGETATIVE LININGS. USDA Tech. B. 967. Washington, 1949. 115 p. 1 Ag84Te
- INVESTIGATIONS IN EROSION CONTROL AND THE RECLAMATION OF ERODED LAND AT THE UPPER MISSISSIPPI VALLEY CONSERVATION EXPERIMENT STATION NEAR LA CROSSE, WIS. USDA Tech. B. 973. Washington, 1949. 87 p. 1 Ag84Te.

THE FARM HOME

- EASY-TO-BUILD KITCHEN CABINETS, FOR THE RE-MODELED FARMHOUSE. USDA Misc. Pub. 680. Washington, 1949. 23 p. 1 Ag84M

FARMING

- DAIRY FARMING IN THE NORTH LOUISIANA UPLAND COTTON AREA; ORGANIZATION, COSTS AND RETURNS. La. Exp. Sta. B. 435. Baton Rouge, 1948. 32 p. 100 L93.
- A GUIDE TO FATHER-SON FARMING ARRANGEMENTS. Ky. Agri. Ext. Ser. C. 463. Lexington, 1949. 16 p. 275.29 K415.

FLORICULTURE

- LAZINESS IN FLORIDA. Fla. Ext. Ser. C. 88. Gainesville, 1949. 275.29 F66L.
- EFFECTS OF LIGHTING AND SHADING ON FLOWERING OF CERTAIN FLORIST CROPS UNDER SOUTHERN CONDITIONS. Ala. Polytechnic Institute. Agri. Exp. Sta. B. 267. Auburn, 1949. 39 p. 100 A111.

FORESTS

- SOUTH CAROLINA'S FOREST RESOURCES, 1947. Southeastern Forest Exp. Sta. Forest Survey Release 23. Asheville, 1949. 122 p. 1.9 F7623Re.
- STEREOGRAMS ILLUSTRATING FOREST SITES. Central States Forest Exp. Sta. Misc. Release 4. Columbus, 1949. 20 p.

HOME ECONOMICS

CHANGES IN RURAL FAMILY INCOME AND SPENDING IN TENNESSEE. 1943-1944.

USDA Misc. Pub. 666. Washington, 1949. 106 p. 1 Ag84M.

GUIDING FAMILY SPENDING. USDA Misc. Pub. 661. Washington, 1949. 26 p.
1 Ag84M.

MAKING PICKLES AND RELISHES. Ky. Agri. Ext. Ser. C. 464. Lexington, 1949.
14 p. 275.29 K415.

MEAL PLANNING. Ky. Agri. Ext. Ser. C. 465. Lexington, 1949. 12 p. 275.29
K415.

TABLE SETTING AND SERVICE. Ky. Agri. Ext. Ser. Circ. 469. Lexington, 1949.
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INSECTS

CONTROL OF INSECTS AND DISEASES OF PEANUTS. Ala. Agri. Exp. Sta. Leaflet 27.
Auburn, 1949. 100 All1

LIST OF INTERCEPTED PLANT PESTS, 1947. BE&PQ Service and Regulatory Announce-
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TOBACCO INSECTS: SUGGESTIONS FOR THEIR CONTROL IN KENTUCKY. Ky. Ext. Ser. Circ.
437. rev. Lexington, 1949. 12 p. 275.29 K415.

NUTRITION

EFFECTS OF SOIL ELEMENTS ON FOOD by T.J. Brooks. A symposium. N.S. 123. Fla.
State Department of Agriculture. Tallahassee. 175 p.

THE INFLUENCE OF CLIMATE ON ANIMAL PRODUCTION AND ITS EFFECT ON HUMAN NUTRITION.
by J.C. Bonsma. Reprint from The Leech, April, 1947. Pretoria, 1948.

PASTURES

QUESTIONS AND ANSWERS ABOUT GRAZING ON NATIONAL FORESTS. USDA AIS 80.
Washington, 1949. 18 p. 1 Ag84Ais.

WINTER OATS AND CRIMSON CLOVER PASTURES AS SUPPLEMENTS TO FATTENING RATIONS FOR
FEDDER PIGS. Fla. Agri. Exp. Sta. B. 452. Gainesville, 1949. 7 p.
100 F66S.

POTATOES

AN ECONOMIC STUDY OF THE FARM STORAGE OF SWEET POTATOES IN LOUISIANA. La. Agri.
Exp. Sta. B. 433. Baton Rouge, 1948. 22 p. 100 L93.

EFFECTS OF TIE PLANTING AND DIGGING ON YIELD AND GRADE OF SWEETPOTATOES IN
SOUTHERN ALABAMA. Ala. Agri. Exp. Sta. Leaflet 25. Auburn, 1948. 100 All1,
POTATO REFERENCES AMONG RESTAURANT AND HOTEL BUYERS. USDA Misc. Pub. 682.
Washington, 1949. 92 p. 1 Ag84M.

PRODUCTION OF VINE CUTTING FOR LATE PLANTINGS OF SWEETPOTATOES IN SOUTHERN
ALABAMA. Ala. Agri. Exp. Sta. Leaflet 26. Auburn, 1949. 100 All1.

SWEET POTATO PRODUCTION IN SOUTH CAROLINA. S.C. Clemson Ext. Ser. C. 326.
Clemson, 1949. 16 p. 275.29 C59C.

PRICE PROGRAMS

PRICE PROGRAMS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE 1949. USDA Misc.
Pub. 683. Washington, 1949. 62 p. 1 Ag84M.

RELATIONSHIPS OF BUSINESS AND AGRICULTURE; GOVERNMENTAL SUPPORT PROGRAMS AND PRICE
POLICIES. Emory University. Business Executives' Research Committee. Report.

USDA MOTION PICTURES

MOTION PICTURES OF THE UNITED STATES DEPARTMENT OF AGRICULTURE 1949. USDA Misc.
Pub. 673. Washington, 1949. 53 p. 1 Ag84M